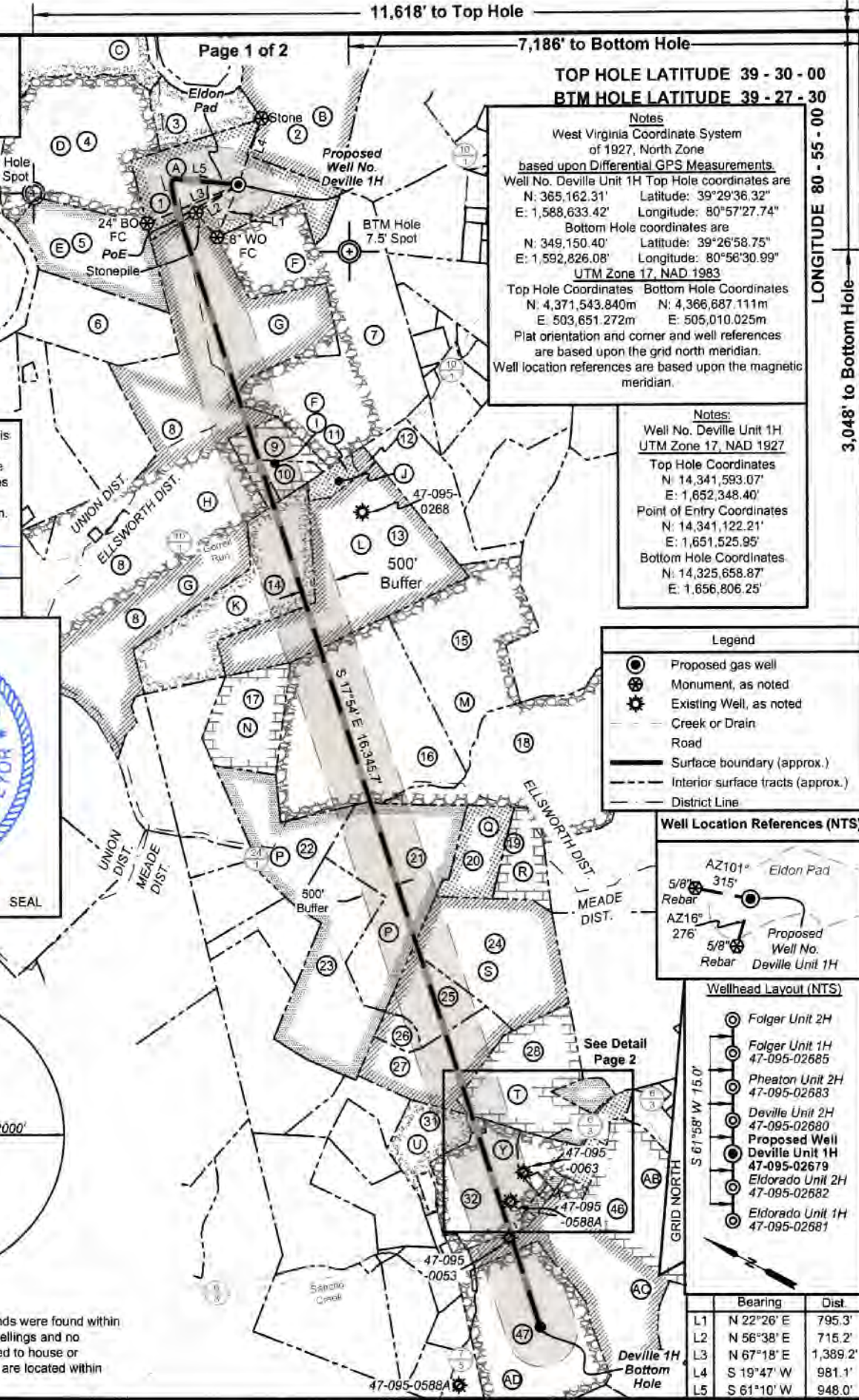


**Antero Resources**  
**Well No. Deville 1H**  
 BHL MOD  
 Antero Resources Corporation



I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

*Bradley D. Miller*  
 Bradley D. Miller, P.S. 2167



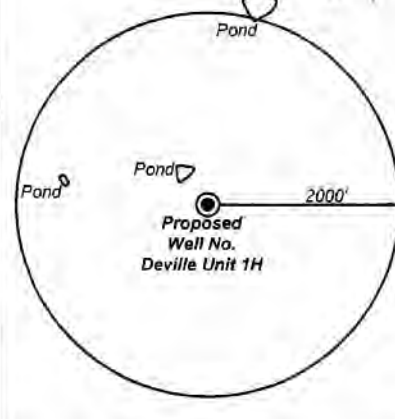
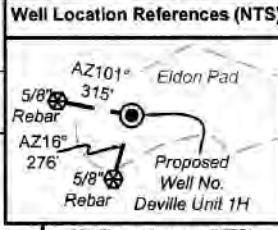
**TOP HOLE LATITUDE 39 - 30 - 00**  
**BTM HOLE LATITUDE 39 - 27 - 30**

**LONGITUDE 80 - 55 - 00**  
**LONGITUDE 80 - 55 - 00**

Notes  
 West Virginia Coordinate System of 1927, North Zone  
 based upon Differential GPS Measurements.  
 Well No. Deville Unit 1H Top Hole coordinates are  
 N: 365,162.31' Latitude: 39°29'36.32"  
 E: 1,588,633.42' Longitude: 80°57'27.74"  
 Bottom Hole coordinates are  
 N: 349,150.40' Latitude: 39°26'58.75"  
 E: 1,592,826.08' Longitude: 80°56'30.99"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,371,543.840m N: 4,366,687.111m  
 E: 503,651.272m E: 505,010.025m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.

Notes:  
 Well No. Deville Unit 1H  
 UTM Zone 17, NAD 1927  
 Top Hole Coordinates  
 N: 14,341,593.07'  
 E: 1,652,348.40'  
 Point of Entry Coordinates  
 N: 14,341,122.21'  
 E: 1,651,525.95'  
 Bottom Hole Coordinates  
 N: 14,325,658.87'  
 E: 1,656,806.25'

- Legend**
- Proposed gas well
  - ⊙ Monument, as noted
  - ⊛ Existing Well, as noted
  - Creek or Drain
  - Road
  - Surface boundary (approx.)
  - - - Interior surface tracts (approx.)
  - - - District Line



Note: It appears 0 water wells and 3 ponds were found within 2000' of proposed well. No occupied dwellings and no buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.

FILE NO: 117-54-M-18  
 DRAWING NO: Deville 1H Well Plat  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

DATE: February 25 20 20  
 OPERATOR'S WELL NO. Deville Unit 1H  
 API WELL NO  
 47 - 095 - 02679  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 Proposed Elev. 880'  
 LOCATION: ELEVATION: Existing Elev. 882' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne 186.008;  
 DISTRICT: Ellsworth/Meade Sarah Lawson Wilson; COUNTY: Tyler 61.83; 142; 21;  
 SURFACE OWNER: Eldon J. & Patricia Doty Thomas; Stoneycreek Holdings, LLC; Sarah L. Hahn 60; 100; 291.5;  
 Ruth A. Helman Nancy Jo & Jerry Allen Haught; Raymond Cox; Roy D. Hadley; ACREAGE: 61.83 140; 132.08;  
 ROYALTY OWNER: Eldon J. & Ruth A. Helman; Carol J. Cox; Nancy J. & Jerry A. Haught; LEASE NO: ACREAGE: 50.6; 77.5;  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,800' MD 6,600' TVD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System  
 ADDRESS: 1815 Wynkoop Street ADDRESS: 5400 D Big Tyler Road  
 Denver, CO 80202 Charleston, WV 25313



ID	TM/Par	Owner	Bk/Pg	Acres
1	19-1	Eldon J. & Ruth A. Helman	383/761	61.83
2	13-10	Eldon J. & Ruth A. Helman	383/761	96.82
3	6-1.1	Eldon J. & Ruth A. Helman	383/761	21.0
4	6-2	Eldon J. & Ruth A. Helman	383/761	83.13
5	10-1	Lora K. Thomas	175/19	53.0
6	10-2	Mary Elizabeth Polts, et al	126/444	50.0
7	19-42	Carol J. Cox	334/298	142.0
8	10-10	Lora K. Thomas	201/359	307.06
9	19-45	Ronald K. Taylor, et al	492/20	13.3
10	19-45.1	Keith Taylor, et al	323/708	6.7
11	19-44.2	Ronald H. & Joyce A. Eddy	352/17	5.384
12	19-44.1	Annette DiMattina	360/747	1.73
13	19-44	Randee Jack Cox	288/401	92.886
14	19-46	Judy Rine, et al	W29/643	60.0
15	19-51	Larry & Betsy Moore, et al	312/108	72
16	19-50	Larry & Betsy Moore, et al	312/108	116.04
17	19-49	W. Clint Maxwell Estate	W4/270	35.14
18	25-1	Deborah S. Reed	328/804	100.45
19	2-15.1	James A., Jr. & Angela K. Long	333/188	11.0
20	2-15.2	James A., Jr. & Angela K. Long	333/188	20.0
21	2-4	Jon J. Cox & Patricia D. Thomas	311/352	78.0
22	2-2.1	Patricia Doty Thomas	192/409	39.25
23	2-4.1	Patricia Doty Thomas	316/222	62.0
24	2-5	Charles H. & Paula J. Foster	338/186	69.5

ID	TM/Par	Owner	Bk/Pg	Acres
25	2-14.1	Robert L. & Nancy C. Donaghy	269/121	26.36
26	2-13	Robert L. & Nancy C. Donaghy	317/477	4.79
27	2-14	Robert L. & Nancy C. Donaghy	339/9	31.43
28	2-5.1	Donald R. & Shirley D. Fletcher	204/309	54.24
29	2-5.3	Timothy B. & Lisa D. Bowen	345/52	5.76
30	2-20.4	Robert B. & Sally M. Ludington	299/152	1.134
31	2-33	Cathy Post	302/368	20.13
32	2-20	James R. & Violet M. Smith	267/226	39.856
33	2-20.3	Alan Jay Hill	337/94A	7.58
34	2-5.2	Timothy Brian & Lisa Dawn Bower	343/789	1.51
35	2-19.1	Bruce A. & Sondra Stewart	330/436	1.83
36	2-20.1	Alan J. & Debra Hill	254/11	2.088
37	2-19	Flora Woodburn	344/290	4.1
38	2-20.9	Alan Jay Hill	337/94A	1.2
39	2-21	Alan Jay Hill	254/11	0.54
40	2-20.10	Christina D. (Hartman) Mercer	319/166	2.054
41	2-22	Thomas E. & Devin R. Weekley	385/621	0.42
42	2-23	Jason A. Reed	323/271	1.0
43	2-18.2	Roy David Haught	347/801	1.09
44	2-18.3	Roy David Haught	347/801	1.562
45	2-20.5	Thomas J. Glover	267/96	1.0
46	2-18.1	David & Debra Haught	294/442	102.03
47	2-24	David H. Hadley, et al	374/632	74

**Detail (NTS)**



Leases	
A	Eldon J. & Ruth A. Helman
B	Ruth H. Wells
C	Norma R Spencer, Trustee of the Allan P. Spencer Living Trust
D	Gary C. & Maryjane Richards
E	Lora Keller Thomas
F	Carol J. Cox
G	Lora Keller Thomas
H	Charlotte A. Weise
I	Nancy J. & Jerry A. Haught
J	Randee Cox
K	Nancy Jo & Jerry Allen Haught
L	Raymond Cox
M	Roy D. Hadley
N	Lisa Norman, et vir
P	Patricia Doty Thomas
Q	James A. Long, et ux
R	James A. Long, et ux
S	Stoneyknob Holdings, LLC
T	Donald R. Fletcher, et ux
U	Penelope M. Burch
V	OPEN
W	Kathy Ann Seago
X	Sarah Lawson Wilson
Y	Sarah Lawson Wilson
Z	Anthony Bryon Hill
AA	Alma A. Barnard
AB	Virgil R. & Janice R. McMullen
AC	Sarah L. Hahn
AD	Denton Eugene Hadley

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 Patricia Doty Thomas; Stoneyknob Holdings, LLC; Sarah L. Hahn 140; 132.08;  
 ROYALTY OWNER: Eldon J. & Ruth A. Helman; Carol J. Cox; Nancy J. & Jerry A. Haught; LEASE NO: ACREAGE: 54.238; 56.25725;  
 Nancy Jo & Jerry Allen Haught; Raymond Cox; Roy D. Hadley; 50.6; 77.5;  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
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